AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A suspension stop for a motor vehicle wheel, ~~characterised in that it comprises~~ comprising a device for measuring the forces applied to the vehicle wheel, the ~~said~~ device comprising at least one deformation sensor ~~(12)~~ which is associated with the fixed member ~~(1, 6)~~ of the ~~said~~ stop so as to measure the deformations of the ~~said~~ member ~~which are~~ caused by the ~~said~~ forces applied, and a calculation means ~~able~~ for calculating, from these deformations~~, to calculate~~ the corresponding forces applied.

2. (Currently Amended) ~~A~~ The stop according to Claim 1, ~~characterised in that~~ wherein the device is arranged ~~so as~~ to measure ~~the~~ vertical forces applied to the vehicle wheel.

3. (Currently Amended) ~~A~~ The stop according to Claim 1 or 2, ~~characterised in that it comprises~~ further comprising a roller bearing provided with a fixed top race ~~(1)~~ ~~intended~~ adapted to be secured to ~~the~~ a vehicle chassis ~~(2)~~, a rotating bottom race ~~(3)~~ ~~intended~~ adapted to be fixed to ~~the~~ a suspension spring ~~(4)~~, and rolling bodies ~~(5)~~ disposed between the ~~said~~ races.

4. (Currently Amended) ~~A~~ The stop according to Claim 3, ~~characterised in that it comprises~~ further comprising a top cup ~~(6)~~ associated with the top race ~~(1)~~ and ~~intended~~ adapted to be associated with the chassis ~~(2)~~, and a bottom cup ~~(7)~~ associated with the bottom race ~~(3)~~.

5. (Currently Amended) A stop according to Claim 4, ~~characterised in that~~ wherein the at least one deformation sensor ~~or sensors (12) are~~ is associated with the top cup ~~(6)~~.

6. (Currently Amended) ~~A~~ The stop according to Claim ~~3 or~~ 4, ~~characterised in that~~ wherein the at least one deformation sensor ~~or sensors (12) are~~ is associated with the top race ~~(1)~~.

7. (Currently Amended) ~~A~~ The stop according to ~~any one of~~ Claims ~~4 to 6,~~ ~~characterised in that~~ wherein the bottom ~~(7)~~ and top ~~(6)~~ cups each comprise extensions ~~(7d, 6f)~~ which cooperate so as to form a static sealing means.

8. (Currently Amended) ~~A~~ The stop according to ~~any one of~~ Claims 1 ~~to 7,~~ ~~characterised in that~~ wherein the at least one deformation sensor ~~or sensors (12) are~~ is chosen from amongst ~~the~~ sensors comprising strain gauges based on piezoresistive elements, surface acoustic wave sensors and magnetic field sensors.